

**ENGLISH TRANSLATION OF 0542584**

The invention relates to a device of measurement and/or intervention in a well (4), comprising a tube (2) adapted to being rolled on a lathe (1) and one measuring instrument (3) fixed at the end of the tube. The tube internally comprises an elastic stem (17) in inflection and of sufficient compressive strength to allow its introduction into the tube (2), in particular by pushing. A line (12) for power or data transmission is incorporated in the stem (17). The stem (17) is out of polymeric material comprising reinforcement fibers and is centered in the interior of the tube. The invention also relates to a process for assembling the stem in the tube and utilization of the device in a production well of an effluent tanker.